



Customer Number: 000959

Attorney's  
Docket

Number GIN-005

Declaration, Petition and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Methods For Modulating Expression Of An HIV-1 Fusion Cofactor  
the specification of which

(check one)

☐ is attached hereto.

☒ was filed on February 20, 1998 as

Application Serial No. 09/027,205

and was amended on \_\_\_\_\_  
(if applicable)

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

# PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

Check one:

☒ no such applications have been filed.

☐ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month,day,year)	Priority Claimed Under 35 USC 119
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION


## CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/037,422  
(Application Serial No.)

February 21, 1997  
(Filing Date)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

# CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier United States application, if any, described below, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to said earlier application, or in public use or on sale in the United States more than one year prior to said earlier application, that the said common subject matter has not been patented or made the subject of an inventor's certificate issued before the date of said earlier application in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months prior to said application and that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented,pending,aband.)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented,pending,aband.)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

W. Hugo Liepmann	Reg. No. 20,407	Lawrence E. Monks	Reg. No. 34,224
James E. Cockfield	Reg. No. 19,162	David A. Lane, Jr.	Reg. No. 39,261
Thomas V. Smurzynski	Reg. No. 24,798	Catherine J. Kara	Reg. No. 41,106
Ralph A. Loren	Reg. No. 29,325	Scott D. Rothenberger	Reg. No. 41,277
Thomas J. Engellenner	Reg. No. 28,711	Linda M. Chinn	Reg. No. 31,240
Giulio A. DeConti, Jr.	Reg. No. 31,503	Kevin J. Canning	Reg. No. 35,470
Elizabeth A. Hanley	Reg. No. 33,505	C. Eric Schulman	Reg. No. P43,350
John V. Bianco	Reg. No. 36,748	Jeanne M. DiGiorgio	Reg. No. P41,710
Amy E. Mandragouras	Reg. No. 36,207	Megan E. Williams	Reg. No. P43,270
Anthony A. Laurentano	Reg. No. 38,220	Nicholas P. Triano III	Reg. No. 36,397
Jane E. Remillard	Reg. No. 38,872	Peter C. Lauro	Reg. No. 32,360
Jeremiah Lynch	Reg. No. 17,425		

Send Correspondence to Amy E. Mandragouras at **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

and to: A. David Spevack, Reg. No. 24,743  
Naval Medical Research and Development Command  
Building 1  
Tower 12  
National Naval Medical Center  
Bethesda, Maryland 20889-5606

Charles H. Harris, Reg. No. 34,616  
Commanding General  
U.S. Army Medical Research and Materiel Command  
504 Scott Street  
Fort Detrick, MD 21702

Direct Telephone Calls to: Amy E. Mandragouras, (617) 227-7400

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Carl H. June	
Inventor's signature <i>Carl H. June</i>	Date 8/19/98
Residence 7 Harlow Court, Rockville, MD 20850	
Citizenship United States of America	
Post Office Address (if different)	

Full name of second inventor, if any Richard G. Carroll	
Inventor's signature	Date
Residence 8739 Kelso Terrace, Gaithersburg, MD 20877	
Citizenship United States of America	
Post Office Address (if different)	

Full name of third inventor, if any James L. Riley	
Inventor's signature	Date
Residence 6541 Greenmount Dr., Elkridge, MD 21075	
Citizenship United States of America	
Post Office Address (if different)	

Full name of fourth inventor, if any Daniel C. St. Louis	
Inventor's signature	Date
Residence 13807 Sloan St., Rockville, MD 20853	
Citizenship Canada	
Post Office Address (if different)	



Customer Number: 000959

Attorney's  
Docket  
Number GIN-005

Declaration, Petition and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Methods For Modulating Expression Of An HIV-1 Fusion Cofactor  
the specification of which

(check one)

☐ is attached hereto.

☒ was filed on February 20, 1998 as

Application Serial No. 09/027,205

and was amended on \_\_\_\_\_  
(if applicable)

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

# PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

Check one:

☒ no such applications have been filed.

☐ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month,day,year)	Priority Claimed Under 35 USC 119
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION


## CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/037,422  
(Application Serial No.)

February 21, 1997  
(Filing Date)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

# CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier United States application, if any, described below, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to said earlier application, or in public use or on sale in the United States more than one year prior to said earlier application, that the said common subject matter has not been patented or made the subject of an inventor's certificate issued before the date of said earlier application in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months prior to said application and that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented,pending,aband.)

_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented,pending,aband.)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

W. Hugo Liepmann	Reg. No. 20,407	Lawrence E. Monks	Reg. No. 34,224
James E. Cockfield	Reg. No. 19,162	David A. Lane, Jr.	Reg. No. 39,261
Thomas V. Smurzynski	Reg. No. 24,798	Catherine J. Kara	Reg. No. 41,106
Ralph A. Loren	Reg. No. 29,325	Scott D. Rothenberger	Reg. No. 41,277
Thomas J. Engellenner	Reg. No. 28,711	Linda M. Chinn	Reg. No. 31,240
Giulio A. DeConti, Jr.	Reg. No. 31,503	Kevin J. Canning	Reg. No. 35,470
Elizabeth A. Hanley	Reg. No. 33,505	C. Eric Schulman	Reg. No. P43,350
John V. Bianco	Reg. No. 36,748	Jeanne M. DiGiorgio	Reg. No. P41,710
Amy E. Mandragouras	Reg. No. 36,207	Megan E. Williams	Reg. No. P43,270
Anthony A. Laurentano	Reg. No. 38,220	Nicholas P. Triano III	Reg. No. 36,397
Jane E. Remillard	Reg. No. 38,872	Peter C. Lauro	Reg. No. 32,360
Jeremiah Lynch	Reg. No. 17,425		

Send Correspondence to Amy E. Mandragouras at **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

and to: A. David Spevack, Reg. No. 24,743  
Naval Medical Research and Development Command  
Building 1  
Tower 12  
National Naval Medical Center  
Bethesda, Maryland 20889-5606


Charles H. Harris, Reg. No. 34,616  
Commanding General  
U.S. Army Medical Research and Materiel Command  
504 Scott Street  
Fort Detrick, MD 21702

Direct Telephone Calls to: Amy E. Mandragouras, (617) 227-7400

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Carl H. June	
Inventor's signature	Date
Residence 7 Harlow Court, Rockville, MD 20850	
Citizenship United States of America	
Post Office Address (if different)	

Full name of second inventor, if any Richard G. Carroll	
Inventor's signature 	Date 9/16/98
Residence 8739 Kelso Terrace, Gaithersburg, MD 20877	
Citizenship United States of America	
Post Office Address (if different)	

Full name of third inventor, if any James L. Riley	
Inventor's signature	Date
Residence 6541 Greenmount Dr., Elkridge, MD 21075	
Citizenship United States of America	
Post Office Address (if different)	

Full name of fourth inventor, if any Daniel C. St. Louis	
Inventor's signature	Date
Residence 13807 Sloan St., Rockville, MD 20853	
Citizenship Canada	
Post Office Address (if different)	



Customer Number: 000959

Attorney's  
Docket  
Number GIN-005

Declaration, Petition and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Methods For Modulating Expression Of An HIV-1 Fusion Cofactor  
the specification of which

(check one)

☐ is attached hereto.

☒ was filed on February 20, 1998 as

Application Serial No. 09/027,205

and was amended on \_\_\_\_\_  
(if applicable)

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

# PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

Check one:

☒ no such applications have been filed.

☐ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month,day,year)	Priority Claimed Under 35 USC 119
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION


## CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/037,422  
(Application Serial No.)

February 21, 1997  
(Filing Date)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

# CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier United States application, if any, described below, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to said earlier application, or in public use or on sale in the United States more than one year prior to said earlier application, that the said common subject matter has not been patented or made the subject of an inventor's certificate issued before the date of said earlier application in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months prior to said application and that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented,pending,aband.)

_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented,pending,aband.)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

W. Hugo Liepmann	Reg. No. 20,407	Lawrence E. Monks	Reg. No. 34,224
James E. Cockfield	Reg. No. 19,162	David A. Lane, Jr.	Reg. No. 39,261
Thomas V. Smurzynski	Reg. No. 24,798	Catherine J. Kara	Reg. No. 41,106
Ralph A. Loren	Reg. No. 29,325	Scott D. Rothenberger	Reg. No. 41,277
Thomas J. Engellenner	Reg. No. 28,711	Linda M. Chinn	Reg. No. 31,240
Giulio A. DeConti, Jr.	Reg. No. 31,503	Kevin J. Canning	Reg. No. 35,470
Elizabeth A. Hanley	Reg. No. 33,505	C. Eric Schulman	Reg. No. P43,350
John V. Bianco	Reg. No. 36,748	Jeanne M. DiGiorgio	Reg. No. P41,710
Amy E. Mandragouras	Reg. No. 36,207	Megan E. Williams	Reg. No. P43,270
Anthony A. Laurentano	Reg. No. 38,220	Nicholas P. Triano III	Reg. No. 36,397
Jane E. Remillard	Reg. No. 38,872	Peter C. Lauro	Reg. No. 32,360
Jeremiah Lynch	Reg. No. 17,425		

Send Correspondence to Amy E. Mandragouras at **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

and to: A. David Spevack, Reg. No. 24,743  
Naval Medical Research and Development Command  
Building 1  
Tower 12  
National Naval Medical Center  
Bethesda, Maryland 20889-5606

Charles H. Harris, Reg. No. 34,616  
Commanding General  
U.S. Army Medical Research and Materiel Command  
504 Scott Street  
Fort Detrick, MD 21702

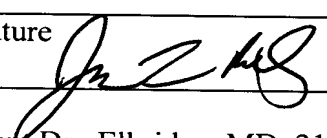
Direct Telephone Calls to: Amy E. Mandragouras, (617) 227-7400

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Carl H. June	
Inventor's signature	Date
Residence 7 Harlow Court, Rockville, MD 20850	
Citizenship United States of America	
Post Office Address (if different)	

Full name of second inventor, if any Richard G. Carroll	
Inventor's signature	Date
Residence 8739 Kelso Terrace, Gaithersburg, MD 20877	
Citizenship United States of America	
Post Office Address (if different)	

Full name of third inventor, if any James L. Riley	
Inventor's signature 	Date 16 Sep 98
Residence 6541 Greenmount Dr., Elkridge, MD 21075	
Citizenship United States of America	
Post Office Address (if different)	

Full name of fourth inventor, if any Daniel C. St. Louis	
Inventor's signature	Date
Residence 13807 Sloan St., Rockville, MD 20853	
Citizenship Canada	
Post Office Address (if different)	



Customer Number: 000959

Attorney's  
Docket

Number GIN-005

Declaration, Petition and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Methods For Modulating Expression Of An HIV-1 Fusion Cofactor  
the specification of which

(check one)

     is attached hereto.

X was filed on February 20, 1998 as

Application Serial No. 09/027,205

and was amended on \_\_\_\_\_  
(if applicable)

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

## PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

Check one:

☒ no such applications have been filed.

☐ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month,day,year)	Priority Claimed Under 35 USC 119
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION


### CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/037,422  
(Application Serial No.)

February 21, 1997  
(Filing Date)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

# CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier United States application, if any, described below, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to said earlier application, or in public use or on sale in the United States more than one year prior to said earlier application, that the said common subject matter has not been patented or made the subject of an inventor's certificate issued before the date of said earlier application in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months prior to said application and that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status)  
(patented,pending,aband.)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status)  
(patented,pending,aband.)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

W. Hugo Liepmann	Reg. No. 20,407	Lawrence E. Monks	Reg. No. 34,224
James E. Cockfield	Reg. No. 19,162	David A. Lane, Jr.	Reg. No. 39,261
Thomas V. Smurzynski	Reg. No. 24,798	Catherine J. Kara	Reg. No. 41,106
Ralph A. Loren	Reg. No. 29,325	Scott D. Rothenberger	Reg. No. 41,277
Thomas J. Engellenner	Reg. No. 28,711	Linda M. Chinn	Reg. No. 31,240
Giulio A. DeConti, Jr.	Reg. No. 31,503	Kevin J. Canning	Reg. No. 35,470
Elizabeth A. Hanley	Reg. No. 33,505	C. Eric Schulman	Reg. No. P43,350
John V. Bianco	Reg. No. 36,748	Jeanne M. DiGiorgio	Reg. No. P41,710
Amy E. Mandragouras	Reg. No. 36,207	Megan E. Williams	Reg. No. P43,270
Anthony A. Laurentano	Reg. No. 38,220	Nicholas P. Triano III	Reg. No. 36,397
Jane E. Remillard	Reg. No. 38,872	Peter C. Lauro	Reg. No. 32,360
Jeremiah Lynch	Reg. No. 17,425		

Send Correspondence to Amy E. Mandragouras at **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

and to: A. David Spevack, Reg. No. 24,743  
Naval Medical Research and Development Command  
Building 1  
Tower 12  
National Naval Medical Center  
Bethesda, Maryland 20889-5606

Charles H. Harris, Reg. No. 34,616  
Commanding General  
U.S. Army Medical Research and Materiel Command  
504 Scott Street  
Fort Detrick, MD 21702

Direct Telephone Calls to: Amy E. Mandragouras, (617) 227-7400

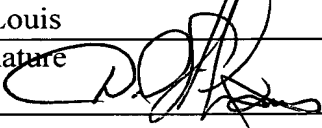
Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Carl H. June	
Inventor's signature	Date
Residence 7 Harlow Court, Rockville, MD 20850	
Citizenship United States of America	
Post Office Address (if different)	

Full name of second inventor, if any Richard G. Carroll	
Inventor's signature	Date
Residence 8739 Kelso Terrace, Gaithersburg, MD 20877	
Citizenship United States of America	
Post Office Address (if different)	

Full name of third inventor, if any James L. Riley	
Inventor's signature	Date
Residence 6541 Greenmount Dr., Elkridge, MD 21075	
Citizenship United States of America	
Post Office Address (if different)	

Full name of fourth inventor, if any Daniel C. St. Louis	
Inventor's signature 	Date August 12, 1998
Residence 13807 Sloan St., Rockville, MD 20853	
Citizenship Canada	
Post Office Address (if different)	